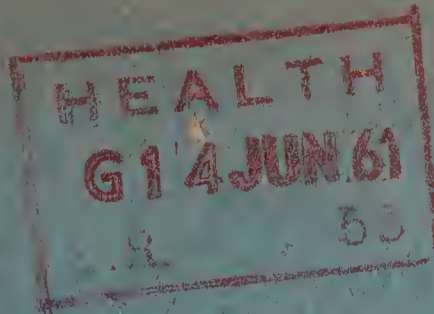


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Hull & Goole Port Health Authority

ANNUAL REPORT

of the



Port Medical Officer

for

1960

ALEXANDER HUTCHISON,

M.D., Ph.D., D.P.H., F.R.F.P.S.G., D.P.A.

Port Medical Officer

Hull & Goole Port Health Authority

ANNUAL REPORT

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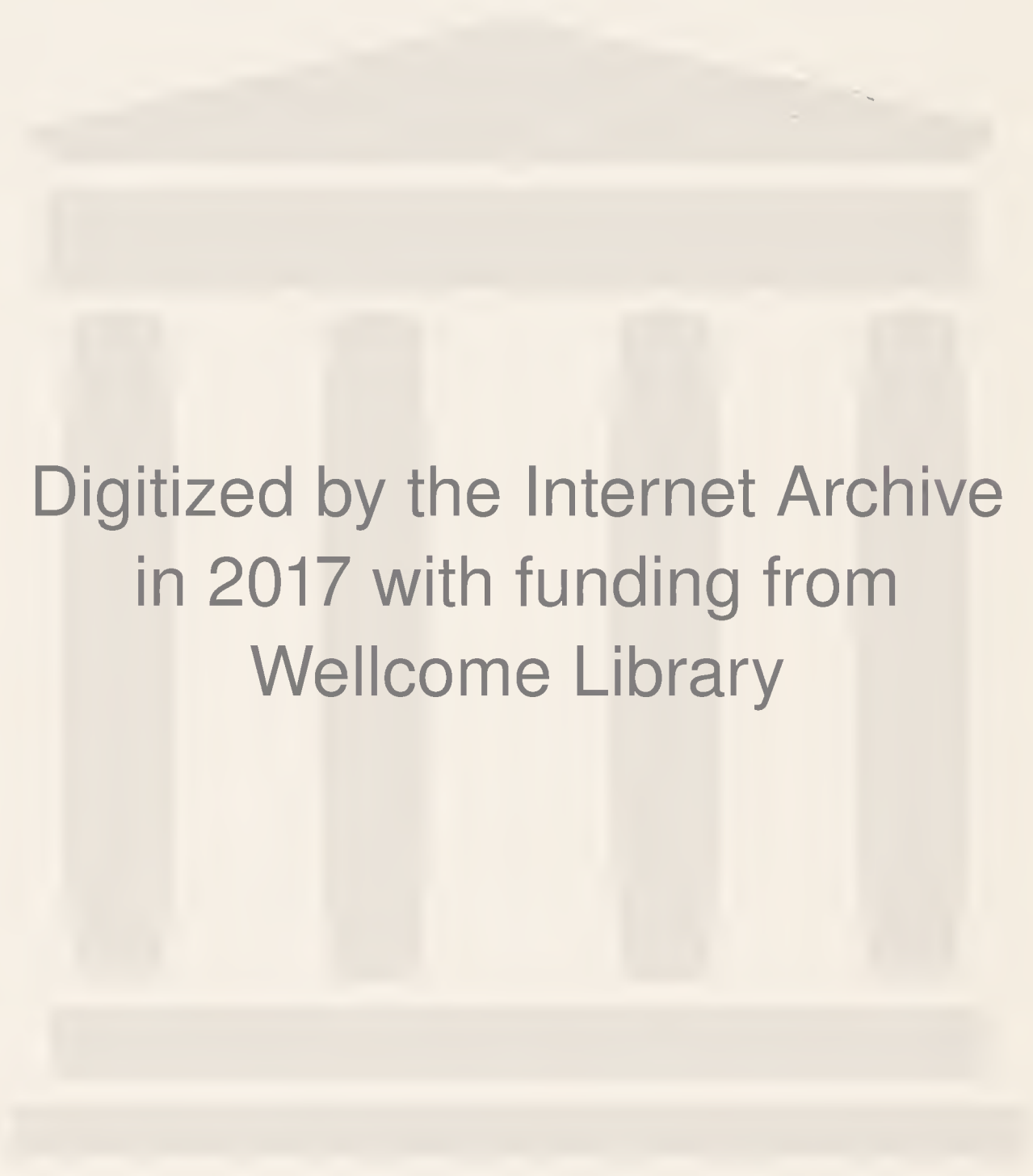
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9 PIER STREET,
HULL.
March, 1961.

*To the Chairman and Members of the
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have the honour to submit the Report of the Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1960.

The report has been prepared in accordance with the instructions given in Form Port 20 from the Ministry of Health, full information in all sections being required for 1960.

In an appendix the principal Acts of Parliament and the regulations made thereunder affecting the work of the Authority are set out.

There has been an overall increase in the number and tonnage of vessels arriving in the district with a corresponding increase in the imports and exports.

During the year 673 Deratting and Deratting Exemption Certificates were issued, an increase of 63 over the previous year.

Seven new canal boats were registered during the year, all of which were power driven. The accommodation on this type of craft continues to be maintained at a high level and it is obvious that more consideration is being given to the welfare of the crew for which the owners must be given full credit.

Legal action has been taken against the owners of four vessels in respect of contraventions under Section I of the Clean Air Act, 1956. All pleaded guilty and fines totalling £55 were imposed in the Magistrates' Court.

The Chief Docks Manager at Hull has stated that passengers arriving at the new passenger terminal at the re-built riverside quay have commented favourably on the facilities available there.

Plans are in hand to increase the sailings between Hull and Rotterdam during 1961.

Early in 1961 it is anticipated that the first tanker will be berthed at the new No. 3 Jetty Head at the Saltend Oil Installation.

The British Transport Commission are continuing their policy of rehabilitation linked with progressive development. At an authorised cost of £4,750,000, the project envisages a vast expansion of the facilities at the King George Dock where well over £1,500,000 has already been spent on quays, cranes and equipment in recent years.

Next year will certainly see vast improvements in berthing facilities which by increasing trade and revenue will enhance the prosperity of the Port of Hull.

At Goole 1961 promises to be at least as good a year as 1960, and probably a little better and no effort will be spared to bring this forecast to reality.

During the year I was asked by the World Health Organisation to carry out a world wide survey on the nature and extent of the health problems of seafarers and of health services available to them. During my tour I visited the following ports, London, Liverpool, Marseilles, Athens, Alexandria, Bombay, Singapore, Manila, Hong Kong, Tokio, San Francisco, Montreal, Helsinki, Gothenburg and Hamburg. My report will be studied by the Joint International Labour Office/World Health Organisation Committee on the hygiene of seafarers which will be held in Geneva in May, 1961.

I feel that this tour which I carried out for the World Health Organisation afforded me a unique opportunity of studying the health problems of seafarers which few people in the world have had and I would like to express my sincere appreciation to the Committee for allowing me to undertake this tour.

On the 2nd September, 1960, Mr. George E. Fox, Rodent Searcher, retired after 32 years' service with the Authority. He was a well known figure on ships using the port and played a prominent part on the occasion when plague-infected rats were discovered on a ship from the River Plate in 1929.

I am grateful to H.M. Collector of Customs and Excise and Staff, the Superintendent of H.M. Customs Waterguard and his Officers, H.M. Inspector (Home Office, Aliens branch) and his staff, the Pilots, Dock Masters, Owners, Agents, Masters of vessels and others for the assistance they have given me during the year. I am also grateful to the British Transport Commission at Hull and Goole for supplying information regarding the trade of the respective ports.

Appreciation of the work of the staff remains as high as ever. They have worked untiringly to ensure that the Department runs efficiently and smoothly and in this they have attained a unique standard of success.

I would also like to thank the Chairman and the members of the Port Health Authority for the keen and lively interest they have taken in all aspects of Port Health work and whose courtesy and kindness to me on all occasions is much appreciated.

I am,

Your obedient Servant,

ALEXANDER HUTCHISON,

Port Medical Officer

HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

COUNCILLOR W. HOBDEN (Chairman) COUNCILLOR G. WINTERS

COUNCILLOR J. W. SMITH

Members elected by the Goole Borough Council

COUNCILLOR C. R. INGLEBY (Deputy Chairman) COUNCILLOR R. PLEWES

STAFF—TABLE A

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of appointment to staff</i>	<i>Any other Appointments held</i>
Alexander Hutchison, M.D., PH.D., D.P.H., F.R.F.P.S.G., D.P.A.	Port Medical Officer of Health and Medical Inspector of Aliens	1st January, 1953	Medical Officer of Health and Principal School Medical Officer, Corporation of Kingston upon Hull
J. Haydon W. Glen, LL.B., L.A.M.T.P.I.	Clerk	11th November, 1957.	Town Clerk, Corporation of Kingston upon Hull
C. H. Pollard, O.B.E., F.S.A.A., F.I.M.T.A., F.S.S.	Treasurer	9th October, 1929	City Treasurer, Corporation of Kingston upon Hull
A. McGregor, M.A., M.D., B.CH., D.P.H.	Deputy Port Medical Officer of Health at Hull and Medical Inspector of Aliens	1st September, 1958	Deputy Medical Officer of Health and Deputy Principal School Medical Officer cer, Corporation of Kingston upon Hull
A. H. Fairlamb, M.B., B.S., D.P.H.	Medical Officer and Medical In- spector of Aliens—occasional duty	20th May, 1957	Senior Medical Officer, Corporation of Kingston upon Hull
B. Reffold, M.B., B.S., D.P.H.	Medical Officer and Medical In- spector of Aliens—occasional duty	25th May, 1957	Senior Medical Officer, Corporation of Kingston upon Hull
G. R. Walker, M.B., CH.B., D.T.M., D.P.H.	Medical Officer of Health and Medical Inspector of Aliens —occasional duty	29th July, 1940	Asst. Medical Officer, Corporation of Kingston upon Hull

STAFF—TABLE A—continued

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to Staff</i>	<i>Any other Appointments held</i>
S. Klinger, M.D., Vienna	Medical Officer and Medical Inspector of Aliens—occasional duty	21st July, 1952	Asst. Medical Officer, Corporation of Kingston upon Hull
E. Wales, M.B., B.S., L.M.S.S.A., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	23rd June, 1958	Asst. Medical Officer, Corporation of Kingston upon Hull
S. R. W. Moore, M.B., B.CH., B.A.O., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	29th June, 1959 to 8th October, 1960	Asst. Medical Officer, Corporation of Kingston upon Hull
D. R. Edmiston, M.B., CH.B., D.P.H.	Medical Officer and Medical Inspector of Aliens—occasional duty	12th January, 1960	Asst. Medical Officer, Corporation of Kingston upon Hull
S. K. Appleton, M.D., D.T.M., D.P.H.	Deputy Port Medical Officer of Health at Goole	5th January, 1948	Divisional Medical Officer and School Medical Officer; Goole Borough, Goole Rural, Selby Urban and Selby Rural Authorities
D. J. T. Bagnall, A.C.G.F.C., F.R.I.C.	Port Analyst	4th April, 1940	Public Analyst, Corporation of Kingston upon Hull
*†M. Thomas	Chief Port Health Inspector	28th December, 1935	—
*†G. Wallace	Deputy Chief Port Health Inspector	10th October, 1938	—
*†T. A. Fox	Port Health Inspector	8th September, 1941	—
*†P. W. Donaldson	Port Health Inspector	18th October, 1955 to 30th March, 1960	—
*†T. A. K. Williams	Port Health Inspector	14th December, 1957	—
†W. R. Purr	Port Health Inspector	1st December, 1960	—
†S. Rhodes	Chief Food Inspector at Hull	8th September, 1929	Chief Food Inspector, Corporation of Kingston upon Hull

STAFF—TABLE A—continued

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to Staff</i>	<i>Any other Appointments held</i>
†L. R. Gourd	Senior Asst. Food Inspector at Hull	9th June, 1947	Senior Asst. Food Inspector, Corporation of Kingston upon Hull
†B. E. Cole	Asst. Food Inspector at Hull	5th October, 1936	Asst. Food Inspector, Corporation of Kingston upon Hull
†G. A. Sandilands	Asst. Food Inspector at Hull	5th July, 1949	Asst. Food Inspector, Corporation of Kingston upon Hull
†L. Booth	Asst. Food Inspector at Hull	11th March, 1952	Asst. Food Inspector, Corporation of Kingston upon Hull
†W. Skinner	Asst. Food Inspector at Hull	7th July, 1959	Asst. Food Inspector, Corporation of Kingston upon Hull
†D. Harwood	Asst. Food Inspector at Hull	25th March, 1960	Asst. Food Inspector, Corporation of Kingston upon Hull
G. E. Fox,	Rodent Searcher	6th October, 1928, to 2nd September, 1960	—
W. H. Cook	Rodent Searcher	3rd December, 1945	—
J. W. Warelow	Rodent Searcher	11th January, 1954	—
J. Cressey	Rodent Searcher	29th August, 1960	—
S. Johnson	Chief Clerk	15th March, 1926	—
S. Broadbent	Clerk	24th March, 1930	—
B. Morrell	Clerk	11th March, 1957, to 31st July, 1960	—
R. Bell	Clerk	4th July, 1960	—

†Holds the statutory qualification as a Public Health Inspector and is also qualified as an Inspector of Meat and Other Foods.

*Appointed as Assistant Officer at Goole under the Public Health (Imported Food) Regulations, 1937 and 1948.

‡Holds the statutory qualification as a Public Health Inspector.

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REPORT

JURISDICTION OF PORT

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR

During 1960 9,501 vessels entered the Ports of Hull and Goole with a total net tonnage of 7,381,378 as against 9,457 vessels with a total net tonnage of 7,336,243 in 1959.

In the year under review 307 ships were dealt with on arrival by the Medical Officers of the Authority; this shows an increase of 18 when compared with the figure for 1959.

The Port Health Inspectors visited 6,127 vessels on 337 of which sanitary defects were discovered, on 115 of these vessels the defects were remedied. In 1959 the figures were respectively 6,700, 342 and 103. Details of this work will be found in Table G, page 27, and in Appendix 1, pages 44-45, and Appendix 5, pages 50-53.

TABLE B

HULL

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports: Steamers and motor vessels	3,585	4,569,220	197	3,036	8
Fishing vessels ..	2,152	502,651	2	1,292	1
Total	5,737	5,071,871	199	4,328	9
Coastwise Ports: Steamers and motor vessels	1,050	1,255,136	—	461	1
Fishing vessels ..	135	3,704	—	—	—
Total	1,185	1,258,840	—	461	1
Total from Foreign and Coastwise Ports	6,922	6,330,711	199	4,789	10

GOOLE

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports Steamers and motor vessels	1,136	379,116	—	762	—
Coastwise Ports: Steamers and motor vessels	1,443	671,551	—	560	—
Total from Foreign and Coastwise Ports	2,579	1,050,667	—	1,338	—
Total from Foreign and Coastwise Ports Hull and Goole ..	9,501	7,381,378	199	6,127	10

CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

TABLE C

PASSENGER TRAFFIC

HULL

No. of Passengers	British	Aliens	Totals
Inwards... ..	10,884	3,176	14,060
Outwards ...	10,776	2,993	13,769

Total Passengers, Inwards and Outwards ... 27,829

GOOLE

No. of Passengers	British	Aliens	Totals
Inwards... ..	513	688	1,201
Outwards ...	138	178	316

Total Passengers, Inwards and Outwards ... 1,517

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 29,346 Alien and British passengers entered or departed from Ports of Hull and Goole as compared with 24,276 in 1959.

The number of Aliens entering the district showed an increase of 1,243 when compared with the figure for 1959.

British passengers outwards increased by 588 when compared with the figure for 1959.

CARGO TRAFFIC

HULL

IMPORTS:

Commodity	1960 Tons	1959 Tons
Building and Road-making materials...	75,847	73,667
Fish landings	223,345	213,546
Fruit and Vegetables	116,307	136,579
Grain Flour and Milling Offals ...	869,874	917,179
Food and Provisions	323,837	321,131
Molasses	119,510	108,301
Oilseeds and Nuts	291,706	261,932
Iron Ore (including Pyrites)	16,230	18,589
Other Ores	219,496	145,784
Iron and Steel goods (including Scrap)	103,273	49,934
Raw Wool	82,295	112,975
Pitwood and Mining Timber	79,058	110,749
Other Timber	690,725	627,843
Chemicals and Chemical Fertilisers ...	167,556	130,292
Other commodities	690,274	670,522
Total	4,069,333	3,899,023
Petroleum	2,145,701	2,141,038
Totals:	6,215,034	6,040,061

EXPORTS:

Commodity	1960 Tons	1959 Tons
Building and Road-making materials...	42,750	34,668
Grain and Flour	13,607	41,844
Other Food and Provisions	20,625	14,633
Machinery	56,469	45,044
Vehicles and Vehicle Parts	63,025	60,777
Tinplate	119	1,165
Iron and Steel manufactures	176,872	177,432
Textiles	3,050	3,501
Chemicals and Chemical Fertilisers ...	74,164	56,431
Other commodities	226,221	221,164
Total	676,902	656,659
Petroleum	798,896	908,979
Coal, Coke and Patent Fuel	473,047	312,874
Totals	1,948,845	1,878,512
TOTAL IMPORTS AND EXPORTS	8,163,879	7,918,573

The Hull Docks tonnage statistics for 1960 showed that both inward and outward figures were higher than in 1959.

Inward cargo amounted to 6,215,034 tons compared with 6,040,061 tons, an increase of 174,973 tons or almost 3·0 per cent. Traffics which provided heavier tonnages included ores, timber, iron and steel, chemicals and chemical fertilisers, oilseeds and nuts and molasses. Landings of fish were also well above the comparable 1959 figure.

The outward total was 1,948,845 tons compared with 1,878,512 tons, an increase of 70,333 tons or $3\frac{3}{4}$ per cent. Coal, coke and patent fuel shipments were up by 160,173 tons, with increases of 97,695 tons in foreign cargo and 73,275 tons in coastwise cargo. There was some reduction in coal shipped as bunkers both to trawlers and cargo vessels. Higher tonnages were shown for chemicals and chemical fertilisers, machinery, building and road-making materials, provisions and vehicles.

Total traffic through the Hull Docks in 1960 was 8,163,879 tons, an increase of almost a quarter of a million tons.

GOOLE

IMPORTS

Commodity	1960 Tons	1959 Tons
Coal, Coke and Patent Fuel	21,620	15,354
Building and Road Making materials	5,881	6,569
Fruit and Vegetables	1,119	11,484
Grain, Flour and Milling Offals ...	34,055	36,553
Food and Provisions	41,569	37,223
Other Ores	52,582	49,754
Petroleum	629	—
Iron and Steel Goods	60,696	17,332
Raw Wool	13,982	19,637
Other Timber	13,093	6,464
Chemicals and Chemical Fertilisers ...	83,088	59,328
Other commodities	229,377	213,796
Total	557,691	473,494

EXPORTS:

Commodity	1960 Tons	1959 Tons
Building and Road Making Materials, excluding timber, including pitch ...	27,615	27,996
Grain and Flour	6,174	16,246
Machinery	13,391	10,267
Vehicles and Vehicle parts	6,716	1,571
Iron and Steel manufactures ...	18,909	50,100
Petroleum, including creosote and refined tar	1,104	2,327
Textiles and Woollen goods	15,498	16,711
Chemicals and Chemical Fertilisers ...	7,547	4,593
Other commodities	108,981	64,119
	205,935	193,930
Coal, Coke and Patent Fuel	1,665,636	1,677,330
Total	1,871,571	1,871,260
TOTAL IMPORTS AND EXPORTS	2,429,262	2,344,754

The greater proportion of the trade of the Port of Goole is coastal and near continental in character.

INLAND BARGE TRAFFIC

REPORT ON THE INSPECTION AND REGISTRATION OF CANAL BOATS

River and canal traffic is between Hull and Leeds, Bradford, Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse, Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	...	...	...	358
Number of boats examined for the purpose of registration	...			11
Number of additional inspections made to ascertain if notices served and verbal cautions given had been complied with	...			3
				<hr/>
Total number of inspections	...	...		372
				<hr/>

The 358 inspections were made on 198 boats which are registered to accommodate 571 adult persons and 183 children, whilst 424 adults (423 males and 1 female) were found to be occupying them. There were no children on board.

Contraventions and Defective Conditions

Number of Canal Boats with contraventions	...	...	58
Number of contraventions	...	...	76
Number of contraventions remedied	...	...	29

Registration Particulars

Total Number of Canal Boats on the Register on the 31st December, 1959	...	...	...	...	...	2,039
Total Number of Canal Boats registered during the year 1960						15
						<hr/>
						2,054
Registrations cancelled during 1960	...	...	...	...		1
						<hr/>
Total	...	...	...	...	...	2,053
						<hr/>

Particulars of registrations during 1960:

Boats not previously registered	...	...	...	...	7
Boats on which structural alterations had taken place	...				7
Boats previously registered with another authority	...				1
					<hr/>
Total registrations	...	...	...	...	15
					<hr/>
Copies of Certificates of Registration issued	...	...	...		14

Registration Certificates endorsed in consequence of:

(a) Change of ownership	...	...	...	...	10
(b) Change of name of owner	...	...	...	...	14
(c) Deletion of fore-cabin	...	...	...	...	2
Total endorsements					26

Infectious Diseases

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year. Information was received from the owners of a canal boat that the master was suffering from mumps. Arrangements were made for the disinfection of the cabin.

Legal Proceedings

It has not been necessary during the year to institute legal proceedings.

During the year seven new boats were registered, all of which were power driven. The accommodation continues to be of a high standard, far in excess of the requirements of the Canal Boats Act. Cabins are frequently lined with Formica and fitted with stainless steel sink units and an ample supply of water. Electric lighting is fitted in all powered boats and in some cases refrigerators, electric cookers, heaters and kettles are provided. In effect, boat builders are following the pattern set by ship builders in that more consideration is being given to the welfare of crews and credit is due to the owners for the steps they are taking to improve conditions.

On no occasion during the year has it been necessary to notify the local education authority of the presence of children on board.

WATER SUPPLY

For the District

Kingston upon Hull Corporation water is supplied for domestic purposes on all docks.

For Shipping

The water supplied to ships for domestic purposes is the Kingston upon Hull Corporation Supply and is delivered either by means of water boats or by hydrants situated on the dock-side.

Reports on Tests for Contamination

(a) Chemical

Forty-seven water samples obtained from water-boats and ships in Hull and Goole were examined by the Port Analyst with the following results:

Satisfactory	Unsatisfactory	Total
41	6	47

(b) Bacteriologica

Forty-seven samples from water boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service. The results of the examinations were as follows:

Satisfactory	Unsatisfactory	Total
40	7	47

Where the water samples were considered to be unsatisfactory, instructions were issued for the water tanks to be cleansed, cement-washed and re-filled with fresh water from the district supply. These orders were complied with.

On the 25th May, 1960, as a result of a complaint from the Master of the m.v. *Fosdyke Trader*, samples of drinking water were taken and submitted for chemical analysis and bacteriological examination.

The water had been taken on board at Rotterdam and during the voyage to Hull the entire crew of six suffered from vomiting and mild diarrhoea.

The illness was of a transient nature and the crew had apparently recovered before the vessel sailed from Hull for Immingham on the 25th May, 1960.

On the 26th May, 1960, the results of the water examination were reported to be unsatisfactory. The Medical Officer of Health for Immingham was informed of the circumstances and arrangements were made for the tanks to be emptied, cleansed and cement-washed and refilled with fresh water immediately on arrival at that port.

During the voyage to Immingham it was recommended that all drinking water should be boiled before use.

A full report of the circumstances was forwarded to the Port Health Authority at Rotterdam.

Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Commission.

Samples are taken periodically from water-boats and when considered necessary from the hydrants, the latter with the consent and co-operation of the British Transport Commission.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Commission who take the necessary action.

Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks				Number of Boats	
Albert and Sir William Wright				...	2
Humber	2
Victoria	2
Alexandra	3
Goole	2

These boats are periodically cleansed and cement washed and are under the constant supervision of the Authority's Inspectors who take samples of the water at frequent intervals for chemical analysis and bacteriological examination.

Where adverse reports are received the appropriate action is taken under the provisions of Section 141, Part IV of the Public Health Act, 1936.

In cases where the water supply was intended for washing purposes only and was not marked "unfit for drinking", when the circumstances were pointed out to the person responsible the appropriate notice was displayed forthwith.

PUBLIC HEALTH (SHIPS) REGULATIONS, 1952-61

List of Infected Areas

The list of Infected Areas is prepared and amended from the information supplied in the Weekly Epidemiological Record issued by the World Health Organization.

The list is in the form of a pocket folder to which stick-on printed slips, showing the areas added or deleted, can be affixed.

The folder and any amendments are circulated by post to all Officers of H.M. Customs Waterguard, the Humber Pilots and H.M. Immigration Officers.

Radio Messages

The port is designated under Article 12(1)(a) as a radio receiving port.

Radio telegrams from Masters regarding the arrival of incoming vessels are received from the Humber Radio Station, Mablethorpe, Lincolnshire, via the General Post Office, Hull.

Notifications Otherwise than by Radio

Information concerning ships requiring the attention of the Medical Officer is telephoned by Officers of H.M. Customs Waterguard to the office of the Authority during the normal working hours and to the Inspector on night and week-end duty at all other times.

Mooring Stations

The Quarantine Station at Sunk Roads in the River Humber, designated No. 7A Buoy, is the outside Mooring Station for both Hull and Goole. Sunk Roads, however, is not now a suitable anchorage for large vessels. It has been suggested that where large vessels are concerned it should be left to the discretion of the Pilot as to whether or not Sunk Roads is a safe and suitable anchorage. The alternative is the anchorage one mile S.E. of the Bull Light Vessel at the mouth of the River Humber.

The adoption of this suggestion would mean the designation of two outer mooring stations after consultation with the authorities concerned.

Four inside mooring stations have been established in the Hull Docks as follows:

1. King George Dock. The berth known as the "Dry Dock End Overside Berth".
2. Alexandra Dock. The Buoys.
3. Victoria Dock. The berth between the end of the coal conveyors and the dolphins
4. Sir Wm. Wright Dock. The berth immediately off the Bull Nose at the entrance to the Graving Dock.

At Goole the inside mooring station has been established on the south side of the Barge Dock and is known as the Western Barge Dock.

In practice, provision has been made for any place of mooring, loading or discharge to be regarded as a mooring station for the purpose of the Regulations.

Hospital Accommodation for Infectious Diseases

All cases of infectious or suspected infectious disease can be admitted to the Castle Hill Hospital, Cottingham, E. Yorks.

Surveillance and Follow-up of Contacts

Daily visits are paid to ships on which infectious or suspected infectious disease has occurred.

When contacts leave a ship their names and the addresses to which they are proceeding are notified to the Medical Officer of Health of the districts concerned. Prepared three-part combined Warning Notice and Surveillance Cards are issued in certain cases on which contacts are required to notify to this Authority any further change of address.

Cleansing and Disinfection of Ships, Persons, Clothing and other Articles

All quarters on board ships that have been occupied by cases of infectious or suspected infectious disease are disinfected by or under the supervision of an Officer of the Authority.

Disinfection of persons, clothing, bedding, &c., is carried out at the Hull Corporation Disinfecting Station, Scarborough Street, Hull.

SMALLPOX

All cases or suspected cases of Smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Abulances for the removal of cases to hospital are provided at all times by the Hull Corporation Ambulance Service which is under the direction of the Medical Officer of Health of the city.

Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance staff and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull and of the Hull & Goole Port Health Authority, is the Smallpox consultant for the district.

Specimens for laboratory diagnosis are forwarded to either:

(a) The Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale Avenue,
London, N.W.9

or (b) The Department of Bacteriology,
Mount Pleasant,
Liverpool 3.

VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street, Hull.

The times of attendance for seeing the doctor are as follows:

Monday	...	...	...	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Tuesday	...	...	...	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Wednesday	...	...	...	10.0 a.m. to 12 noon 5.0 p.m. to 7.0 p.m.
Thursday	...	...	...	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Friday	...	...	...	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Saturday	...	...	...	————

A 'Notice to Seamen' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

At Goole a clinic is held on Thursdays from 4.30 p.m. to 5.30 p.m. at the Bartholomew Hospital.

In-patients are treated at the Western General Hospital, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

At Goole in-patients are treated at the Bartholomew Hospital.

CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS

TABLE D
Cases landed from Ships from Foreign Ports

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Meningitis, lymphocytic ...	—	1	1
Tuberculosis, Pulmonary ...	1 (D.B.S.)	1	1
Malaria ...	—	1	1
Influenza ...	1	1	2
Infective Hepatitis	—	1	1

Cases which have occurred on ships from Foreign Ports but have been disposed of prior to arrival

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Chicken-pox ...	—	1	1
Tuberculosis, Pulmonary ...	—	1	1
Poliomyelitis ...	—	1	1

Cases landed from Other Ships

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Infective Hepatitis	—	1	1

OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS

One case of Malaria was noted during the year; no cases were reported as having been disposed of prior to arrival.

MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No ships, infected with or suspected for Plague, arrived in the district during the year.

MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

Procedure for Inspection of Ships for Rats

The Authority's Inspectors and/or Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation, special attention being given to those coming from Infected Areas, direct or via 'excepted' or British ports, numbering 406 in 1960.

Where evidence of recent infestation is found traps are laid to confirm the findings.

In 1960 traps were set on 132 ships and 87 rats were caught.

The Inspectors of the Authority also pay daily visits to ships from infected Areas and enquiries regarding the presence of rats form part of their normal duties.

Arrangements for the Bacteriological or Pathological Examination of Rodents

A proportion of all rats trapped and all found dead, including those destroyed by the Rat Catchers employed by the British Transport Commission, are submitted to the Director of the Public Health Laboratory Service, 184 High Street, Hull for bacteriological examination. 26 rats were examined during the year, none of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 25).

Arrangements for deratting ships

Five methods of rat destruction are approved, namely: (1) Fumigation by hydrogen cyanide; (2) Fumigation by sulphur dioxide; (3) Fumigation by methyl bromide; (4) Trapping, and (5) Poisoning by sodium fluoroacetate. Details are given in Tables E and F. (pages 25-26).

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows:

- (a) Messrs. R. W. Arro & Co. Ltd.
433 Hedon Road,
Hull.
- (b) Messrs. Harrison & Doughty Ltd.
Wyke Street,
Hull.
- (c) Insecta Laboratories Ltd.,
176 Vauxhall Bridge Road,
London, S.W.1.
- (d) Riverside (Painters & Contractors) Ltd.,
441 Hedon Road,
Hull.
- (e) Scientex Ltd.,
30-31 Queen Street,
London, E.C.4.

PROGRESS IN RAT-PROOFING OF SHIPS

The elimination of rat harbourage in the construction of new vessels and the continued recommendations by Officers of the Authority with regard to rat-proofing in the older type of vessel play an important part in the effective control of rat life on board ships.

PREVENTION OF DAMAGE BY PESTS ACT, 1949 PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER, 1951

No Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order, 1951, made under the Prevention of Damage by Pests Act, 1949.

TABLE E

RODENTS DESTROYED DURING THE YEAR IN SHIPS FROM FOREIGN PORTS

Category	Number
Black Rats	154*
Brown Rats	—
Species not known	—
Sent for examination	16
Infected with Plague	—

* This includes 3 rats killed as a result of fumigation by hydrogen cyanide and 64 found after treatment with sodium fluoroacetate.

In addition, 15 mice were caught by the Authority's Rodent Searchers; 41 were found after treatment with sodium fluoroacetate, 7 after treatment with methyl bromide and 88 after fumigation by hydrogen cyanide.

RODENTS DESTROYED DURING THE YEAR IN WAREHOUSES ON THE DOCK ESTATE

Category	Number
Black Rats	7*
Brown Rats	151*
Species not known	—
Sent for examination	10
Infected with Plague	—

* The above figures were supplied by the British Transport Commission (Hull Docks).

TABLE F
DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING
THE YEAR FOR SHIPS FROM FOREIGN PORTS

No. of Deratting Certificates issued				Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
After Fumigation with		After trapping	After poisoning			
HCN	Other Fumigant (state method)					
6	* 1 (methyl bromide)	—	16 (sodium fluoroacetate)	23	650	673

*The operation was supervised in co-operation with the Ministry of Agriculture, Fisheries and Food (Infestation Branch).

INSPECTION OF SHIPS FOR NUISANCES
TABLE G
INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections		Notices Served		Result of Serving Notices
Nuisance	Number Found	Number Remedied	Statutory Notices	
British				
Defects of original construction ..	—	—	Nil	—
Structural defects through wear and tear	61	56	Nil	10 ships remedied
Dirt, vermin and other conditions prejudicial to health	767	751	Nil	
Defects arising from structural alterations	13	2	Nil	
Foreign				
Defects of original construction ..	338	1	Nil	—
Structural defects through wear and tear	3	2	Nil	2 ships remedied
Dirt, vermin and other conditions prejudicial to health	18	18	Nil	
Defects arising from structural alterations	81	1	Nil	
Totals	1,281	831	Nil	12

The close co-operation existing between the Ministry of Transport surveyors and the officers of your Authority continues in regard to the standards laid down in the Merchant Shipping (Crew Accommodation) Regulations, 1953.

It should be noted that defects of original construction and those arising from structural alterations are not strictly matters for correction by your officers and such defects when found on British ships are notified to the Ministry of Transport for their attention

CREW ACCOMMODATION

The high standard of crew accommodation on British ships, noted in previous years, has been maintained.

No defects of original construction on British Ships were observed during the year.

It was not necessary to serve any statutory notices, all the conditions complained of being remedied as a result of informal action.

The dirty condition of crews' quarters on British ships (Table G, page 27, and Appendix V, page 52) is attributed to the fact that crews when paying off at Hull, a terminal port, leave the quarters in an untidy condition.

MEDICAL INSPECTION OF ALIENS

The Medical Inspectors of Aliens holding Warrants of Appointment at the 31st December, 1960 were as follows:

1. DR. ALEXANDER HUTCHISON, Port Medical Officer of Health.
2. Dr. A. MCGREGOR, Deputy Medical Officer, Hull C.B.
3. Dr. A. H. FAIRLAMB, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
4. Dr. B. REFFOLD, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
5. Dr. G. R. WALKER, Assistant Medical Officer of Health, Hull C.B. (part-time Boarding Duty).
6. Dr. S. KLINGER, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
7. Dr. ELIZABETH WALES, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
8. Dr. D. R. EDMISTON, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty, from 12th January, 1960).

OTHER STAFF

The Inspectorial and Clerical Staff devote a certain amount of time to the work in connection with Alien traffic.

ORGANISATION OF WORK

The expected time of arrival of ships carrying Alien passengers is notified by telephone by H.M. Immigration Officers and the shipping agents to the office of the Authority, or to the Inspector on duty, after office hours.

NATURE AND AMOUNT OF ALIENS TRAFFIC

Alien passengers arrive principally from Germany, Holland, Belgium, Denmark, Norway, Sweden and Finland, and consist mainly of visitors coming for business or pleasure. The numbers of passengers, British and Alien, passing through the district is shown in detail in Table C (page 13); the number of Alien passengers referred for medical examination is shown in the table on page 29.

ACCOMMODATION FOR MEDICAL INSPECTION AND EXAMINATION

On the 12th May, 1959, the passenger terminal on the rebuilt Riverside Quay came into operation which incorporates a fully equipped medical examination room. Passengers from more than half of the vessels carrying passengers are dealt with at the terminal the remainder are dealt with on board the vessels on arrival.

ALIENS ORDER, 1953

MEDICAL EXAMINATION OF ALIENS during the year ended 31st December, 1960

1. Number of arriving ships carrying aliens ... 657
2. Total number of arriving aliens (excluding crews) ... 3,176
3. Total number of ships dealt with by Medical
Inspectors ... 192*
4. Total number of aliens medically examined ... 54
5. Reports and certificates for aliens medically examined: nil

*Includes 108 vessels, the alien passengers from which were dealt with at the Passenger Terminal, Riverside Quay, Hull.

Nature of Report or Certificate		Total number of reports and certificates issued	Aliens Not Permitted to land
A	Unsound mind or mentally defective	—	—
B (1)	Undesirable for medical reasons	—	—
B (2)	Inability to support	—	—
	Likely to require medical treatment	—	—
C	Conditionally landed for further medical examination	—	—
Totals		—	—

MISCELLANEOUS

ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS WHO HAVE DIED ON BOARD SHIP FROM INFECTIOUS DISEASES

There is a crematorium in Hull and the Authority would strongly recommend the cremation of any person who had died on board ship from infectious disease.

CLEAN AIR ACT, 1956

During the year 88 vessels were kept under observation by the Officers of the Authority for the purposes of the Clean Air Act, 1956. Fifteen vessels were observed to contravene Section I of the Act. Five formal notices were served on the responsible persons concerned in accordance with the provisions of Section 30(1) of the Act, together with seven verbal notices and three warning letters.

During the year legal action was taken against the owners of the undermentioned vessels:

Steam tug <i>Bernie</i>	...	...	Fined £10
s.s. <i>Lagos Palm</i>	...	...	Fined £5
m.v. <i>King David</i>	...	...	Fined £20
s.s. <i>Tribesman</i>	...	...	Fined £20

It is unfortunate that accurate observations cannot be carried out on harbour craft moving in the river owing to the fact that the Inspector, being on the shore, cannot follow the movement of the vessels concerned for the prescribed period.

CERTIFICATES OF HEALTH

During the year five certificates were issued to a local firm of shipping agents to the effect that samples of sand from the River Trent, to be used for ships' ballast, were satisfactory for the purpose.

A further sample was found to be unsatisfactory and the certificate was accordingly withheld.

Thirty-five certificates of health were issued to a local firm of exporters to the effect that there were no epidemics of Cholera, Typhus, Plague, Yellow Fever or Smallpox existing in the Ports of Hull and Goole and also that the ports were free from Foot and Mouth Disease. The certificates related to consignments of Textile Waste, etc., for shipment to Thessaloniki and Piraeus.

On the 2nd June, 1960, a certificate was issued to a Leeds firm to the effect that a process used for cleaning empty drums for export would efficiently remove animal fats and mineral oils.

DANGEROUS DRUGS REGULATIONS, 1953

During the year three certificates authorising the purchase of scheduled Dangerous Drugs were issued under Regulation 13(2) of the Dangerous Drugs Regulations, 1953.

POISONS RULES, 1960

On the 7th October, 1960, a certificate in accordance with the provisions of Rule 16 of the Poisons Rules, 1960, was issued by the Port Medical Officer of Health authorising a local firm of contractors to purchase 4 ounces of sodium fluoroacetate for use as a rodenticide.

FOOD INSPECTION

HULL

Report of the Chief Food Inspector
Public Health (Imported Food) Regulations 1937-1948

Number of visits to docks	...	...	...	...	1,943
Number of steamers from which cargoes were inspected...					1,061
Number of packages inspected	...	...	...	...	11,504,647
Number of detention notes issued by H.M. Customs	...				3

PARTICULARS OF PROHIBITED MEAT DISCOVERED

NIL

PARTICULARS OF 'MEAT PRODUCTS'—
SECOND SCHEDULE

Country of origin	Description				Quantity
Argentina	Tinned Meat	...	...	...	36,200 packages
Australia	Tinned Meat	...	...	...	151,641 „
„	Mutton	...	...	...	96,233 carcasses
„	Meat Sundries	...	...	...	13,396 packages
„	Tallow	...	...	...	967 drums
„	Crops	.....	...	...	2,083 quarters
„	Lard	...	...	...	250 packages
Belgium	Tinned Meat	...	...	...	3,885 „
„	Lard	...	...	...	1,985 „
Brazil	Tinned Meat	...	...	...	16,410 „
Denmark	Tinned Meat	...	...	...	421,068 „
„	Bacon	...	...	...	350,744 bales
„	Lard	...	...	...	84,888 packages
„	Offals	...	...	...	18,046 „
„	Maws	...	...	...	120 barrels
„	Casings	...	...	...	12 „
„	Sausage	...	...	...	70 packages
„	Tripes	...	...	...	65 „
„	Chitterlings	...	...	...	18 „
„	Meat Sundries	...	...	...	25 „
„	Pig Rinds	...	...	...	604 „
„	Pork	...	...	...	4,160 carcasses
Eritrea	Tinned Meat	...	...	...	910 packages
France	Lard	...	...	...	70,320 „
„	Tinned Meat	...	...	...	2,450 „
Germany	Tinned Meat	...	...	...	13,202 „
„	Casings	...	...	...	43 barrels
Holland	Tinned Meat	...	...	...	252,804 packages
„	Lard	...	...	...	105,298 „
„	Bacon	...	...	...	5,125 bales
„	Calves	...	...	...	54 crates
„	Meat Sundries	...	...	...	1,143 packages

Country of origin	Description			Quantity
Holland	Mutton	...	...	3,798 carcasses
„	Sundry Offals	...	...	11,201 packages
Iceland	Lard	...	...	61,689 „
„	Meat Sundries	...	...	3,112 „
Norway	Casings	...	...	89 barrels
Poland	Bacon	...	...	85,385 bales
„	Tinned Meat	...	...	192,014 packages
„	Horsemeat	...	...	2,258 „
„	Lard	...	...	5,505 „
„	Tripes	...	...	15 „
S.W. Africa	Tinned Meat	...	...	7,648 „
Sweden	Bacon	...	...	27,722 „
„	Casings	...	...	239 barrels
„	Tinned Meat	...	...	37,569 packages
„	Lard	...	...	35 „
„	Meat Sundries	...	...	48 „
„	Sausage	...	...	60 „
U.S.A.	Lard	...	...	105,108 „

OTHER FOODSTUFFS INSPECTED

Description			Quantity
Tinned Fruit	...	...	1,159,474 packages
Onions	...	...	723,609 „
Lettuce	...	...	253,207 „
Oranges	...	...	725,086 „
Eggs	...	...	179,576 „
Dried Fruit	...	...	361,514 „
Pears	...	...	140,666 „
Bilberries	...	...	772,424 „
Grapefruit	...	...	39,258 „
Yeast	...	...	68,476 „
Margarine	...	...	27,993 „
Rusks	...	...	11,936 „
Lemons	...	...	11,164 „
Casein	...	...	22,340 „
Sugar	...	...	56,744 „
Peas	...	...	34,750 „
Grapes	...	...	47,875 „
Cocoa Products	...	...	47,269 „
Tinned Milk	...	...	47,941 „
Coffee	...	...	14,633 „
Fruit Juice	...	...	38,826 „
Desiccated Coconut	...	...	13,340 „
Beetroot	...	...	10,200 „
Soya Bean Meal	...	...	17,500 „
Bananas	...	...	7,000 „
Strawberries	...	...	4,301 „
Dried Egg	...	...	2,625 „

Description					Quantity	
Rice	...	...	...	...	9,330	packages
Beans	...	...	...	...	1,174	„
Tinned Poultry	...	...	...	...	2,510	„
Mushrooms	...	...	...	...	335	„
Syrup	...	...	...	...	860	„
Leeks	...	...	...	...	143	„
Pectin	...	...	...	...	104	„
Paprika	...	...	...	...	700	„
Chillies	...	...	...	...	20	„
Aubergines	...	...	...	...	50	„
Spinach	...	...	...	...	80	„
Butter	...	...	...	...	1,313,179	„
Apples	...	...	...	...	833,166	„
Potatoes	...	...	...	...	669,667	„
Cream	...	...	...	...	119,891	„
Tinned Fish	...	...	...	...	101,862	„
Tomatoes	...	...	...	...	443,441	„
Cucumbers	...	...	...	...	115,967	„
Tinned Vegetables	...	...	...	...	156,711	„
Cauliflowers	...	...	...	...	89,326	„
Fresh Fish	...	...	...	...	90,656	„
Cheese	...	...	...	...	68,154	„
Shellfish	...	...	...	...	18,083	„
Nuts	...	...	...	...	27,166	„
Peaches	...	...	...	...	32,662	„
Cabbage	...	...	...	...	50,008	„
Carrots	...	...	...	...	52,168	„
Milk Powder	...	...	...	...	47,269	„
Dried Vegetables	...	...	...	...	21,991	„
Confectionery	...	...	...	...	76,272	„
Poultry	...	...	...	...	45,260	„
Biscuits	...	...	...	...	16,116	„
Melons	...	...	...	...	16,844	„
Plums	...	...	...	...	13,792	„
Vegetables in Brine	...	...	...	...	8,813	„
Radish	...	...	...	...	1,139	„
Chicory	...	...	...	...	2,770	„
Sauerkraut	...	...	...	...	3,228	„
Gherkins	...	...	...	...	5,413	„
Jam Preserves	...	...	...	...	6,384	„
Glucose	...	...	...	...	7,510	„
Cherries	...	...	...	...	625	„
Gooseberries	...	...	...	...	684	„
Apricots	...	...	...	...	249	„
Flour	...	...	...	...	800	„
Garlic	...	...	...	...	25	„
Groats	...	...	...	...	25	„
Tea	...	...	...	...	78	„
Capsicum	...	...	...	...	50	„

FOODSTUFFS FOUND TO BE UNFIT

Description	Weight			
	Tons	Cwts.	Qrs.	lb.
Tomatoes ... 11 cartons		1	—	—
Strawberry Pulp ... 2 casks		2	—	—
Lemons ... 356 boxes	4	9	—	—
Cauliflowers ... 30 crates		5	—	—
Coconut... 1 bag			3	16
Bilberries ... 91,883 chips	164	1	2	8
Lard ... 1 carton			1	—
Potato Starch ... 5 bags		2	2	—
Carrots ... 761 nets	9	10	—	—
Onions ... 688 bags and 2,170 half bags	81	19	2	—
Tinned Meat ... 492 tins	1	6	1	12
Apples ... 10 cases		5	—	—
Pickled Cucumbers ... 118 jars		5	1	—
Pig cheeks ... 1 carton			2	—

OFFICIAL CERTIFICATES

Fifty cases of Cooked Hams, mark: "C.W.S. Manchester H.9" were landed from the s.s. *Arkansas* from Denmark bearing incorrect 'Official Certificates'. The goods were detained and later returned to Denmark.

Seven hundred and twenty cartons of Stewed Steak, mark: 'E.M.D. Hull' were landed from the s.s. *Anglian* without 'Official Certificates'. The goods were detained and later returned to the country of origin.

One hundred cartons of Tinned Stewed Steak, mark: 'PYGAL' were landed ex the s.s. *Mavis* from London bearing Eritrean certificates affixed in an improper manner. The goods were detained and later returned to the country of origin via London.

OTHER INSPECTIONS

The s.s. *Port Hardy* landed 500 cases of corned beef from Australia. Inspection showed a percentage of blown and burst tins. The cases were detained and a 100 per cent inspection carried out. Four hundred and ninety-two tins were condemned and samples of the tins passed were submitted to the bacteriologist with negative results.

Shipments of desiccated coconut have been arriving at the Port regularly throughout the year and, in accordance with instructions issued by the Ministry of Agriculture, Fisheries and Food, a 5 per cent sample has been taken of all shipments. Whenever *Salmonella* organisms have been isolated in the initial 5 per cent sample a further 10 per cent sample has been taken and depending on this result the consignment has either been unconditionally released or released subject to heat treatment.

FOOD AND DRUGS ACT, 1955

Ten samples of foodstuffs in transit were taken under the above Act.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS 1937-1948

The above regulations have been in operation during the year and are working satisfactorily.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS 1926

No action has been taken under these regulations during the year.

PUBLIC HEALTH (PRESERVATIVES &c., IN FOOD) REGULATIONS 1925-1958)

Twenty-three samples of foodstuffs were taken for analysis under the above Regulations during the year.

Where the samples contained more than the permitted amount of Sulphur Dioxide, guarantees were either held, or applied for and received, from the firms concerned, stating that the goods would be treated so as to conform with the Public Health (Preservatives &c., in Food) Regulations before being sold to the public.

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action, therefore, has been taken under the Public Health (Shellfish) Regulations, 1934, or the Food and Drugs Act, 1955.

Total number of foodstuffs submitted for:

- (a) Chemical analysis 101 report on pages 40-42
- (b) Bacteriological examination... 756 report on page 43

FOOD INSPECTION

GOOLE

REPORT OF THE CHIEF PORT HEALTH INSPECTOR

Number of visits to docks	... ... ... ...	205
Number of vessels from which cargoes were inspected	...	187
Number of packages inspected	... ... ... ...	1,489,342
Number of Detention Notes issued by H.M. Customs	...	Nil

PARTICULARS OF 'PROHIBITED' MEAT DISCOVERED

NIL

PARTICULARS OF 'MEAT PRODUCTS'
SECOND SCHEDULE

Description	Quantity
Bacon	303,577 bales
Chopped Ham, tinned	80,137 cartons
Pork Luncheon Meat, tinned	49,787 „
Luncheon Meat, tinned	45,194 „
'Plumrose' Meat, various, tinned	20,955 „
Ham, tinned	18,042 „
Chicken Fillets, tinned	14,040 „
Chopped Pork and Ham, tinned	8,000 „
Pate de foie, tinned	5,035 „
Pork, tinned	4,526 „
Frankfurter Sausages, tinned	3,865 „
Frozen Pork Loins	3,500 cases
Cocktail Sausages, tinned	3,516 cartons
Chicken, tinned	4,331 „
Mixed Luncheon Meat, tinned	2,633 „
Tongues, tinned	2,418 „
Deviled Ham, tinned	1,700 cases
Vienna Sausages, tinned	1,626 cartons
Boneless Ham, tinned	1,100 „
Frozen Pork Tenderloins	976 „
Meat Preserves, tinned	880 „
Sliced Ham, tinned	696 „
Frozen Fat Backs	450 „
Pork Shoulders, tinned	420 cases
Frozen Ox Kidneys	331 cartons & cases
Meat, tinned	312 cases
Frozen Lambs' Livers	250 cartons
Chopped Pork, tinned	235 „
Chicken Skin, tinned	425 „
Jellied Veal, tinned	224 „
Boneless Chicken, tinned	200 „
Pork Loins, tinned	200 „
Salami Sausage	196 cases
Frozen Pork Kidneys	189 cartons
Pork Sausages, tinned	160 cases
Kidneys, tinned	145 cartons
Cooked Ham, tinned	125 boxes
Frozen Meat	115 boxes
Turkey, tinned	150 cartons
Cocktail Sausages in glass jars	100 „
Chipolata Sausages, tinned	100 cases
Pork Collar, tinned	100 cartons
Sliced Bacon, tinned	95 „
Frozen Ox Tenderloins	68 cases
Soups and Stews, tinned	40 cartons
Udders	36 casks
Pork Loin Roll, tinned	25 cartons

Description	Quantity
Picnic Ham, tinned	20 cartons
Frozen Beef Loins	16 „
Frozen Beef Tenderloins	15 cases
Frozen Pork Livers	15 cartons
Liver Paste, tinned	10 „
Pork Cutlets, tinned	10 „
Pork Brawn	10 „
Braised Kidneys, tinned	5 „
Frozen Calves' Livers	5 boxes
Frozen Pig Fat	4 bales
Salami Pate, tinned... ..	4 cartons
Ham Pate, tinned	4 „
Tongue Pate, tinned	4 „
Deviled Bacon, tinned	4 „
Frozen Shoulder Ham	3 „
Frozen Beef Livers	1 carton

OTHER FOOD INSPECTED

Description	Quantity
Beer	516,898 cases
Cheese	178,726 cases & boxes
Butter	65,119 casks & cartons
Toasties	25,340 cartons
Cheeses	19,698 loose
Farina	16,115 bags
Potato Flour	15,394 „
Cockles in Vinegar	14,446 tins
Condensed Milk	12,691 drums & cartons
Evaporated Milk	5,270 cartons
Cocoa Butter	4,016 „
Cheese and Bacon Spread	3,970 cases
Sago Flour	3,382 bags
Cheese, Samsoe	2,787 cartons
Eggs	2,155 cases & boxes
Dutch Lactalbumin... ..	2,000 bags
Cheese, grated	1,981 cartons
Dextrine	1,572 bags
Onions	1,555 „
Mussels, tinned	1,546 cartons
Sterilized Cream	1,500 „
Cheesespread	1,340 „
Dates	1,222 „
Dried Apples, tinned	1,150 „
Strawberries	870 „
Milk Powder	800 bags
Paprika in glass jars	750 cartons
Potatoes	733 bags
Dutch Peas	708 „
Lard	700 cartons
Cornflour	500 bags

Description	Quantity
Gherkins	440 cases & casks
Sauerkraut	390 „
Whole Plaice	262 cases
Plaice fillets	222 „
Peas	200 bags
Raspberry Syrup in bottles ...	200 cases
Tomatoes	150 trays
Boiled Salted Cockles	147 baskets
Tomato Concentrate, tinned ...	141 cartons
Confectionery	115 „
Cucumbers in glass jars	100 „
Mackerel	87 cases
Shallots	85 bags
Raspberries, tinned	75 cartons
Cockles, live	64 bags
Mussels, live	61 bags
Blue Peas	52 „
Paprika and Cabbage in glass jars	50 cases
Tinned Soups	46 cartons
Gum	40 bags
Shrimps in brine	34 casks
Spice Mix	32 cases
Spinach, tinned	20 cartons
Morell Syrup, bottled	10 cases
Kosher Butter	20 „
Fresh Fish	5 „
Pate with Mushrooms, tinned ...	4 cartons
Whelks in Vinegar	1 tin

FOODSTUFFS FOUND TO BE UNFIT

Description	tons	Weight		lb.
		cwts	qrs.	
Boiled Salted Cockles	—	2	—	16
Cockles in Vinegar, tinned	—	1	—	18
Cocoa Butter	—	—	2	—
Mussels in Vinegar, tinned	—	—	1	21
Danish Blue Cheese	—	—	1	3 $\frac{1}{4}$
Cheese	—	—	—	19 $\frac{1}{2}$
Cheesespread	—	—	—	19 $\frac{1}{2}$
Pork, tinned	—	—	—	16 $\frac{1}{2}$
Pork Luncheon Meat, tinned	—	—	—	12 $\frac{1}{2}$
Butter	—	—	—	8 $\frac{1}{2}$
Luncheon Meat, tinned	—	—	—	6 $\frac{1}{2}$
Toasties	—	—	—	5 $\frac{1}{4}$
Bacon	—	—	—	5
Sausage, tinned	—	—	—	3 $\frac{1}{4}$
Dates	—	—	—	3
Chopped Ham, tinned	—	—	—	2 $\frac{3}{4}$
Pate de foie, tinned	—	—	—	1 $\frac{1}{2}$
Braised Kidneys, tinned	—	—	—	$\frac{3}{4}$

OFFICIAL CERTIFICATES

One carton containing 48·7 oz. tins of Luncheon Meat, ex the m.v. *Byland Abbey* from Copenhagen was landed at Goole without the 'Official Certificate'. The carton was subsequently returned to the country of origin.

Eighty-four cases of tinned Cooked Ham, ex the m.v. *Whitby Abbey* from Hamburg were landed at Goole without the 'Official Certificate'. The goods were subsequently returned to the country of origin.

DETENTIONS

On the 30th September, 1960, and on subsequent dates information was received from the Doncaster and Nottingham Public Health Departments to the effect that tins of pork luncheon meat from a consignment of 150 cartons, ex the m.v. *Leeds* from Antwerp, had been submitted for bacteriological examination the results of which showed that the contents were unfit for human consumption.

Fifty-six cartons of the original consignment remaining at Goole were examined by an officer of the authority resulting in 197·7 oz. tins being condemned as unfit for human consumption.

In view of the circumstances the importers of the meat were notified and advised, in the interest of the public and in their own interests, to return the whole consignment, excluding the condemned tins, to the country of origin.

Subsequently, however, the whole consignment, with the exception of the tins already condemned, was destroyed at Goole under the supervision of an officer of this Authority.

FOOD AND DRUGS ACT, 1955

Eleven samples of foodstuffs were taken for chemical analysis under the above Act and the Regulations made thereunder—see report on page 40.

PUBLIC HEALTH (PRESERVATIVES, ETC. IN FOOD) REGULATIONS, 1925-1958

Eleven samples of foodstuffs were taken for chemical analysis under the above Regulations—see report on page 41.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS, 1937-1948

Two samples of foodstuffs were taken for bacteriological examination under the above Regulations—see report on page 43.

Total number of foodstuffs submitted for:

- (a) Chemical analysis ... 22—see report on pages 40-42.
- (b) Bacteriological examination 2—see report on page 43.

Action taken as a result of unsatisfactory reports:

Pate de Foie Truffe.—The local importers were informed and apologised for their omission to state certain ingredients on the label, thereby contravening the Labelling of Food Order, 1953.

The Authority, however, were assured that future consignments would be labelled correctly. Present stocks, which would disappear within the course of a few weeks, were allowed to be distributed for sale.

REPORT OF THE PORT ANALYST FOODSTUFFS

In the table below the results of the examination of one hundred and twenty-three samples of foodstuffs are set out:

Food and Drugs Act, 1955

including samples taken under the Colouring Matter in Food Regulations, 1957, the Antioxidant in Food Regulations, 1958, and the Arsenic in Food Regulations, 1959.

Sample	Number	Result of Examination
Butter	2	Genuine.
Cream, Canned...	2	Genuine.
Cheese	2	Genuine.
Lard	2	Genuine.
Luncheon Meat. Pork	1	Genuine.
Kidney and Brains ...	1	Genuine.
Milk, Evaporated ...	1	Genuine.
Milk, Evaporated ...	1	Contained 7·9 per cent of milk-fat, 26·5 per cent of milk solids and no sucrose. I am of the opinion that the composition of the sample complied with the requirements prescribed by the Condensed Milk Regulations, 1959, for condensed half cream unsweetened milk but the label on the container did not bear a declaration in the form prescribed in the First Schedule of those Regulations.
Pate de Foie	2	Genuine.
Pate d'Oie	1	Genuine.
Peel, Candied	3	Genuine.
Pot Gulyas	1	Genuine.
Stewed Steak	1	Contained 81, instead of, in my opinion, not less than 95 per cent of meat. Other ingredients were flour, salt, spices and added water.
Lard	1	Contained 90 parts per million of gallate (declared) (100 parts per million allowed).

**Public Health (Preservatives, etc., in Food) Regulations
1925-1958**

Sample			Number	Result of Examination
Cherries, Preserved	...		2	Contained 1,319 and 1,998 parts per million of sulphur dioxide respectively (3,000 parts per million allowed).
Cheese'n Bacon Spread			1	Free from preservatives.
Chicken, Boned	...		1	Free from preservatives.
Grapefruit	...	...	1	Negative for thiourea and diphenyl.
Ham, Deviled	...	...	1	Contained 36 parts per million of sodium nitrite (200 parts per million allowed) and 6,540 parts per million potassium nitrate.
Ham, Chopped	...		1	Contained 70 parts per million of sodium nitrite (200 parts per million allowed) and 2,300 parts per million potassium nitrate.
Lemons	...	...	1	Contained 10 parts per million of ortho-phenyl-phenol (less than permitted amount).
Lemon Juice	...	...	1	Contained 890 parts per million of sulphur dioxide (350 parts per million allowed).
Luncheon Meat	...		1	Contained 91 parts per million of sodium nitrite (200 parts per million allowed) and 2,990 parts per million potassium nitrate.
Lunch Tongues	...		1	Contained 11 parts per million of sodium nitrite (200 parts per million allowed) and 1,460 parts per million potassium nitrate.
Milk, Evaporated	...		1	Free from preservatives.
Oranges	...	...	11	Three samples contained diphenyl and one ortho-phenyl-phenol (less than permitted amounts).
Orange Juice	...	...	2	Contained 560 and 1,032 parts per million of sulphur dioxide respectively (350 parts per million allowed).
Pate de Foie	...	...	1	Free from preservatives.

Sample		Nnmber	Result of Examination
Pate de Foie Truffe	...	1	Contained 84 parts per million of sodium nitrite (200 parts per million allowed) and 3,560 parts per million potassium nitrate. These chemicals were not declared in the list of ingredients stated on the label, contrary to the requirements of the Labelling of Food Order, 1953. The manufacturers have agreed to amend the label accordingly.
Raspberry Juice	...	1	Contained 1,644 parts per million of sulphur dioxide (350 parts per million allowed).
Sausages, Cocktail	...	1	Free from preservatives.
Sausages, Cocktail	...	1	Contained 76 parts per million of sodium nitrite (200 parts per million allowed) and 1,396 parts per million potassium nitrate.
Strawberry Pulp	...	3	Contained 1,560, 1,970 and 1,396 parts per million of sulphur dioxide respectively (2,000 parts per million allowed).
Tomato Concentrate	...	1	Free from preservatives.

Miscellaneous Examinations

Sample		Number	Result of Examination
Apples	... ..	67	Twenty-five samples contained excessive amounts of arsenic and/or lead, the maximum amounts present being 3·1 and 8·8 parts per million of arsenic and lead respectively, as compared with the recommended limits of 1 and 2 parts respectively.
Pectin	... ..	1	Negative for arsenic.

BACTERIOLOGICAL EXAMINATIONS

During the year 835 samples of foodstuffs, etc., were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results:

Nature of sample	Number	Result
696 samples of Desiccated Coconut ...	656	Negative
	13	Salmonella bareilly isolated.
	7	Salmonella Paratyphoid B isolated
	6	Salmonella ferlac isolated.
	4	Salmonella waycross isolated.
	2	Salmonella rubislaw isolated.
	2	Salmonella senftenberg isolated.
	2	Salmonella hvittingfoss isolated.
	1	Salmonella vancouver isolated.
	1	Salmonella stanley isolated.
	1	Salmonella kotte isolated.
	1	Salmonella shangani isolated.
39 samples of Dried Egg		Negative.
19 samples of Hen Egg Albumen ...	18	Negative.
	1	Salmonella heidelberg isolated.
2 sample tins of Corned Beef ...		Negative.
Pork Luncheon Meat ...	1	Satisfactory.
Fresh Mussels ...	1	Satisfactory.
Sand ...	6	Organisms of the Salmonella or Shigella groups not present. No evidence of sewage pollution.

wis

4,98

1,33	
6,32	
1,16	
7,49	

eig

2,772,200

GOOLE

Owners		VISITS					
British	{	Steamships	...	...	...	104	
		Motor Vessels		...	...	704	
						<hr/>	808
Foreign	{	Steamships	...	...	...	3	
		Motor Vessels		...	...	527	
						<hr/>	530
						<hr/>	1,338
		Extra Visits	...	...	...	1,164	
						<hr/>	
		Total		...	...	7,490	

The nationalities and number of inspections are shown below:

British	...	...	...	...	...	3,587
Dutch	...	...	...	...	...	978
German	...	...	...	...	...	694
Swedish	...	...	...	...	...	214
Norwegian	...	...	...	...	...	209
Danish	...	...	...	...	...	118
Finnish	...	...	...	...	...	111
Liberian	...	...	...	...	...	52
Jugo-Slavian	...	...	...	...	...	47
Russian	...	...	...	...	...	46
Icelandic	...	...	...	...	...	41
Polish	...	...	...	...	...	35
Greek	...	...	...	...	...	31
Spanish	...	...	...	...	...	27
Belgian	...	...	...	...	...	24
Italian	...	...	...	...	...	19
Indian	...	...	...	...	...	15
South African	...	...	...	...	...	12
Israeli	...	...	...	...	...	12
French	...	...	...	...	...	11
Faroese	...	...	...	...	...	9
Lebanese	...	...	...	...	...	9
Panamanian	...	...	...	...	...	8
Argentinean	...	...	...	...	...	7
Costa Rican	...	...	...	...	...	3
American	...	...	...	...	...	1
Irish...	...	...	...	...	...	1
Roumanian...	...	...	...	...	...	1
Pakistani	...	...	...	...	...	1
Nigerian	...	...	...	...	...	1
Canadian	...	...	...	...	...	1
Turkish	...	...	...	...	...	1
Total						<hr/> 6,326

APPENDIX II

Table Showing the Ports from which came Vessels dealt
with on Arrival by the Medical Officers

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Abo ...	-	-	-	-	-	-	-	-	1	-	-	-	1
Adriatic Ports													
via Algiers ...	-	-	-	-	1	1	-	-	-	-	-	-	2
Amsterdam ...	-	-	-	-	-	-	-	1	-	-	-	-	1
Archangel ...	-	-	-	-	-	-	-	1	-	-	-	-	1
Australian Ports													
via Aden and													
Suez ...	1	1	-	-	-	1	1	1	-	1	-	1	7
Bremen ...	-	-	-	-	-	-	-	2	-	-	-	-	2
Chicago ...	-	-	-	-	-	-	-	-	-	-	1	-	1
Constanza via													
Ceuta...	-	-	-	-	-	-	1	-	-	-	-	-	1
East African													
Ports ...	-	1	-	-	-	1	-	-	1	1	-	-	4
Foreign Fishing													
Grounds ...	-	-	-	-	-	1	1	-	-	-	-	-	2
Gaza ...	-	-	-	-	-	-	-	-	-	-	-	1	1
Haifa ...	1	2	1	2	1	-	1	1	-	1	-	2	12
Hamburg ...	3	1	4	4	10	7	12	6	10	5	3	2	67
Indian Ports ...	1	-	-	1	-	-	1	-	-	2	1	-	6
Italian Ports via													
Ceuta...	-	-	-	-	-	1	-	1	-	1	-	-	3
Jaffa ...	-	-	1	1	-	-	-	-	-	-	-	-	2
Leningrad ...	-	-	-	-	-	-	-	-	-	1	-	-	1
Malta via Ceuta	-	-	-	-	-	-	-	1	-	-	-	-	1
Mauritius ...	1	-	-	-	1	-	-	-	-	1	-	1	4
Mediterranean													
Ports via													
Ceuta/Tangier	-	-	-	-	1	-	-	-	-	2	-	-	3
Morphou Bay													
via Algiers ...	-	-	-	-	1	-	-	-	-	-	-	-	1
North African													
Ports ...	1	2	1	3	2	1	-	1	1	1	1	1	15
Oskarshamn	-	-	-	-	-	1	-	-	-	-	-	-	1
Persian Gulf													
Ports ...	-	-	-	1	1	1	-	-	-	-	-	-	3
Port Sudan ...	1	-	-	1	-	1	-	-	-	-	-	-	3
Rotterdam	8	4	10	10	12	13	13	13	11	12	8	7	121
Carried forward	17	11	17	23	30	29	30	28	24	28	14	15	266

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Brought forward	17	11	17	23	30	29	30	28	24	28	14	15	266
Shanghai ...	—	—	—	1	—	—	—	—	—	—	—	—	1
South African Ports ...	—	—	—	1	—	—	—	—	—	—	—	—	1
South American Ports ...	—	—	—	—	1	1	—	—	—	—	1	—	3
Stockholm ...	—	1	—	—	—	—	—	—	—	—	—	—	1
Stralsund ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Turkish and Grecian Ports via Ceuta ...	—	—	—	—	1	1	1	1	1	—	—	—	5
Valencia via Ceuta... ...	—	—	—	—	—	—	—	—	—	—	—	1	1
West African Ports	4	2	2	3	—	3	1	3	2	5	2	1	28
Extra Medical Inspections ...	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals	21	14	20	28	32	34	32	32	27	33	18	17	308

APPENDIX III

STATEMENT SHOWING THE NUMBER OF ADMISSIONS TO HOSPITALS DURING 1960

<i>Date of Admission</i> 1960	<i>Disease</i>	<i>Rating</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>Date Discharged</i> 1960
April 28th	Gastro-enteritis	Trainee Engineer	s.s. <i>City of Port Elizabeth</i>	Cape Town	May 4th
May 14th	Gastro-enteritis	3rd Engineer	m.v. <i>Mieke Legenhansen</i>	Alexandria	May 17th
June 23rd	Quinsy	Fireman	m.t. <i>Viborg</i>	North Sea Fishing Grounds	August 9th
July 5th	Gastro-enteritis	Oiler	m.v. <i>Clan MacLaurish</i>	Australian Ports	July 20th
August 5th	Pyelitis	Seaman	m.v. <i>Kavel</i>	Stavanger	August 12th
July 15th	Lymphocytic Meningitis	Mate	s.t. <i>Joseph Conrad</i>	Foreign Fishing Grounds	August 10th
October 7th	Infective Hepatitis	Seaman	m.v. <i>Cresta</i>	Grangemouth	November 4th
October 7th	Gastro-enteritis	Oilman	m.v. <i>Port Hardy</i>	Melbourne	October 24th
October 14th	Tonsilitis	Steward	m.v. <i>Karin Cords</i>	Leningrad	October 18th
November 26th	Malaria	Seaman	s.s. <i>Ballarat</i>	Australian Ports	December 6th

APPENDIX IV

VESSELS ON THEIR ARRIVAL ON WHICH CASES OF INFECTIOUS DISEASE EXISTED OR HAD OCCURRED DURING THE VOYAGE

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of cases</i>	<i>Rating</i>	<i>How dealt with</i>
1960					
April 25th	m.v. <i>Chakdara</i>	Mombasa	1	Seaman	Admitted to hospital at Beira
				CHICKEN-POX	
Oct. 7th	m.v. <i>Cresta</i>	Grangemouth	1	Seaman	Admitted to Castle Hill Hospital, Cottingham
Oct. 12th	m.v. <i>Chupra</i>	East African Ports	1	Oilman	Remained on board; convalescent.
				INFECTIVE HEPATITIS	
Mar. 30th	m.v. <i>Nederland</i>	Stralsund	1	Engineer	Treated by Agent's doctor
April 21st	m.v. <i>Bolton Abbey</i>	Rotterdam	1	Passenger	Proceeded home
				INFLUENZA	
				LYMPHO CYTIC MENINGITIS	
July 15th	s.t. <i>Joseph Conrad</i>	Foreign Fishing Grounds	1	Mate	Admitted to Castle Hill Hospital, Cottingham
				MALARIA	
Nov. 26th	s.s. <i>Ballara_t</i>	Australian Ports	1	Seaman	Admitted to Castle Hill Hospital, Cottingham
				POLIOMYELITIS	
Nov. 18th	m.v. <i>Parima</i>	Paranagua	1	Chief Officer	Landed at Las Palmas
				TUBERCULOSIS, PULMONARY	
May 27th	s.s. <i>City of Exeter</i>	Cape Town	1	Engine-room Tindal	Admitted to hospital at London.
Dec. 3rd	m.v. <i>Cretic</i>	Australian Ports	1	Efficient Deck Hand	Proceeded home for treatment.
Dec. 3rd	m.v. <i>Cretic</i>	Australian Ports	1	D.B.S.	Removed by ambulance to Woodley Sanatorium, Hexham

APPENDIX V

Total number of ships inspected	...	...	...	...	6,127
Total number of ships with defects, including those due to dirt, vermin, etc.	...	...	...	...	337

(a) at Hull

British owned	...	...	...	...	107
Foreign owned	...	...	...	...	178

(b) at Goole

British owned	...	...	...	...	12
Foreign owned	...	...	...	...	40

(a) DEFECTS OF ORIGINAL CONSTRUCTION

FOREIGN

VENTILATION:

	No. of defects	Remedied
Unventilated washplaces	73	1
„ W.C. Compartments	63	—
„ cabins	58	—
„ combined W.C. and wash-place	27	—
„ galley-messrooms	20	—
„ messrooms	18	—
„ pail closet compartments	13	—
„ shower compartments	8	—
„ forecastles	3	—
„ galley	1	—
„ combined W.C. and shower compartment	1	—
„ cabin hospital	1	—
„ recreation room	1	—
Ventilators in an unsatisfactory position over bunks	2	—

WATER CLOSETS:

W.C.s without water supply	19	—
----------------------------	-----	-----	----	---

HEATING:

No heating to cabins	30	—
----------------------	-----	-----	----	---

Totals	338	1
--------	-----	-----	-----	---

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR

BRITISH

				No. of defects	Remedied
Defective	W.C.s and fittings	...	...	7	6
„	taps	...	...	6	6
„	ventilators	...	...	5	5
„	and choked scuppers	...	...	5	5
„	side ports and glasses	...	...	4	4
„	flooring	...	...	3	3
„	bunks	...	...	3	3
„	and leaky overhead decks	...	...	3	3
„	steam joints	...	...	3	3
„	stoves and fittings	...	...	2	2
„	wash hand basins and fittings	...	...	2	2
„	geysers	...	...	2	—
„	sinks and surrounds	...	...	2	2
„	central heating systems	...	...	2	1
„	hot press	...	...	2	2
„	radiator	...	...	1	1
„	waste pipe	...	...	1	1
„	fresh water pump	...	...	1	1
„	bulkhead	...	...	1	1
„	water supply to washplace	...	...	1	1
„	calorifier	...	...	1	1
„	supply pipe to calorifier	...	...	1	1
„	lagging to ventilator shaft	...	...	1	—
„	After peak tank	...	...	1	1
„	water pipe	...	...	1	1
	Totals	...	...	61	56

FOREIGN

Defective	W.C.s and fittings	...	...	2	1
„	radiators	...	...	1	1
	Totals	...	...	3	2

(c) DIRT, VERMIN AND OTHER CONDITIONS
PREJUDICIAL TO HEALTH

BRITISH

			No. of defects	Remedied
Dirty condition of cabins	...	...	271	270
„ „ messrooms	...	...	75	74
„ „ washplaces	...	...	69	69
„ „ W.C. compartments	...	...	67	67
„ „ pantries	...	...	6	5
„ „ alleyways	...	...	5	5
„ „ lockers/cupboards	...	...	4	4
„ „ recreation rooms	...	...	3	3
„ „ galleys...	...	...	1	1
„ „ companionway	...	...	1	1
Accommodation showing signs of Rat/ Mice Infestation	...	...	2	2
Verminous condition of cabins	...	...	159	155
„ „ messrooms	...	...	39	36
„ „ pantries	...	...	23	23
„ „ galleys	...	...	15	13
„ „ storerooms	...	...	5	5
„ „ saloons	...	...	2	2
„ „ alleyways	...	...	2	2
„ „ smoke room	...	...	1	1
Insanitary condition of galley refuse	...	...	10	10
Misappropriation of crew spaces:				
Drying room used as a lamproom	...	...	1	—
Recreation room used as a drying room			1	1
Drying room used as a store	...	...	1	—
Changing room used as a store	...	...	1	1
Dirty clothes locker used as a store	...	...	1	1
Oilskin lockers used as a store	...	...	2	—
Total	...	...	767	751

FOREIGN

			No. of defects	Remedied
Verminous condition of messrooms	...	...	3	3
„ „ galleys	...	...	3	3
„ „ pantries	...	...	4	4
Insanitary condition of galley refuse	...	...	8	8
Total	...	...	18	18

(d) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS

BRITISH

VENTILATION

				No. of defects	Remedied
Unventilated W.C. compartments	...			6	1
„ washplaces	...	...		4	—
„ cabins	...	...	...	1	—
„ messrooms	...	...	...	1	—
„ shower	...	...	...	1	1
				—	—
Total	...	...		13	2
				—	—

FOREIGN

VENTILATION:

				No. of defects	Remedied
Unventilated cabins	...	...	...	27	—
„ washplaces	...	...		14	—
„ messrooms	...	...	...	13	—
„ W.C. compartments	...			13	1
„ galley messrooms	...	...		3	—
„ combined W.C.s and wash-					
places	...	...	...	3	—
„ galley	...	...	...	1	—
„ recreation rooms	...	...		1	—
„ shower	...	...	...	1	—
„ pantry	...	...	...	1	—

HEATING

No heating to cabin	1	—
---------------------	-----	-----	-----	---	---

WATER CLOSETS:

W.C.s without water supply		3	—
				—	—
Total	...	...		81	1
				—	—

APPENDIX VI

POWERS

The principal Acts of Parliament and the Regulations made thereunder affecting the work of the Authority are:

Administration:

Hull and Goole Port Orders, 1887-1938.

Local Government Act, 1933.

Public Health Act, 1936.

Public Health Officers (Port Health Districts) Regulations, 1959.

Aliens:

Aliens Order, 1953—Instructions to Medical Inspectors, 1955.

Canal Boats:

Canal Boats Regulations, 1878-1931.
Public Health Act, 1936.

Crew Accommodation:

Public Health Act, 1936.
Merchant Shipping (Crew Accommodation) Regulations, 1953.

Dangerous Drugs:

Dangerous Drugs Regulations, 1953.

Food Inspection:

Public Health (Imported Milk) Regulations, 1926.
Public Health (Preservatives, etc., in Food) Regulations, 1925-1958.
Public Health (Imported Food) Regulations, 1937 and 1948.
Public Health (Meat) Regulations, 1924-1952.
Food and Drugs (Whalemeat) Regulations, 1949 and 1950.
Food and Drugs Act, 1955
Antioxidant in Food Regulations, 1958.
Food Hygiene (General) Regulations, 1960.
Food Hygiene (Docks, Carriers, etc.,) Regulations, 1960.
Colouring Matter in Food Regulations, 1957.
Arsenic in Food Regulations, 1959.
Fluorine in Food Regulations, 1959.

Infectious Diseases:

Public Health Act, 1936.
Public Health (Ships) Regulations, 1952-61.
Public Health (Aircraft) Regulations, 1952-1961.
Public Health (Infectious Diseases) Regulations, 1953.

Rodent Control:

Prevention of Damage by Pests Act, 1949 and 1954.
Poisons Rules, 1960.
Public Health (Ships) Regulations, 1952-1961.
Hydrogen Cyanide (Fumigation of Ships) Regulations, 1951.
Prevention of Damage by Pests (Application to Shipping) Order, 1951.
Prevention of Damage by Pests (Application to Shipping) (Amendment No. 2) Order, 1956.

Smoke Abatement:

Clean Air Act, 1956.
Dark Smoke (Permitted Periods) (Vessels) Regulations, 1958.



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